

State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589155. *Malus domestica* Borkh.

Manito. Comments:: Fruit: size ;arge 75-85mm: skin 50-90% orange blush, attractive; flavor slightly acid; harvest season mid-October 1 wk after Delicious. Tree: leaves reddish tinge. R.D. Way, 1991.

The following were developed by Hedgerow, Durham, Washington County, Arkansas, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589156. *Malus domestica* Borkh.

King David. Pedigree - Jonathan x Arkansas Black; discovered 1893; introduced 1902. Comments:: Fruit: medium size, 65-75 mm; skin 100% dark red stripe, appearance similar to Winesap; shape round-oblate; flesh firm, light yellow; flavor acid; eating quality fair; harvest season late October, 2 wks after Delicious, Tree: vigorous, productive, alternate cropping; fruits hang on tree after they ripen. Medium size, dark red, sour.

The following were developed by Charlotte Pratt. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

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Welday Jonathan 2-4-4-4. Pedigree - Bud mutation of Welday Jonathan 2-2-4-4; originated 1958. Comments:: 2-2-4-4 Welday Jonathan treated with X-ray 3000 rads produced this 2-4-4-4 Welday Jonathan. R.D. Way, 1993.

The following were developed by D.B. Perrine, Centralia, Illinois, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

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Perrine York 2-4-4-4. Pedigree - York bud mutation; discovered 1954; never introduced. Comments:: Fruit: Indistinguishable from York Imperial, except larger, 85-100 mm; oblate; dull color; watercore. Tree: Periclinal Cytochimera 2-4-4. (Proc. Amer. Soc. Hort. Sci. 82:56. 1963) Tetraploid York Imperial. --R.D. Way, 1992.

The following were developed by Rutgers University, New Jersey Agr. Exp. Sta., New Brunswick, New Jersey 08903, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589159. *Malus domestica* Borkh.

Jerseyred. Pedigree - Gallia Beauty x White Winter Pearmain; selected 1947; introduced 1954. Comments:: Fruit: size large, 75-85 mm; skin 70-100% red, blushed; shape round-conic; flesh very firm; light yellow; flavor subacid; eating quality less than fair; harvest season very late, 3 wks after Delicious; resembles Rome Beauty. Tree: vigorous; dense; very productive; somewhat biennial. Very late, similar to Rome.